

ABSTRACT OF THE DISCLOSURE

A depolarizer includes a second birefringent plate having a thickness which continuously changes in a direction of an optical axis of the second birefringent plate; and a third birefringent plate having a thickness which continuously changes in a direction of 45 degree with respect to an optical axis of the third birefringent plate; wherein the second birefringent plate is stuck on the third birefringent plate so that a reduction direction of the thickness of the second birefringent plate and a reduction direction of the thickness of the third birefringent plate are opposite to each other.